OPINION 1748

EPHYDRIDAE Zetterstedt, 1837 (Insecta, Diptera): given precedence over GYMNOMYZIDAE Latreille, 1829

Ruling

(1) Under the plenary powers family-group names based on *Ephydra* Fallén, 1810 are hereby given precedence over those based on *Gymnomyza* Fallén, 1810 (a junior subjective synonym of *Mosillus* Latreille, 1804).

(2) The name *Mosillus* Latreille, 1804 (gender: masculine), type species by subsequent monotypy *Mosillus arcuatus* Latreille, 1805 (a junior subjective synonym of *Syrphus subsultans* Fabricius, 1794, type species of *Gymnomyza* Fallén, 1810), is hereby placed on the Official list of Generic Names in Zoology.

(3) The name *subsultans* Fabricius, 1794, as published in the binomen *Syrphus subsultans* (a senior subjective synonym of *Mosillus arcuatus* Latreille, 1805, the type species of *Mosillus* Latreille, 1804, and the specific name of the type species of *Gymnomyza* Fallén, 1810), is hereby placed on the Official List of Specific Names in Zoology.

(4) The name GYMNOMYZIDAE Latreille, 1829 (type genus *Gymnomyza* Fallén, 1810, a junior subjective synonym of *Mosillus* Latreille, 1804) is hereby placed on the Official List of Family-Group Names in Zoology with the endorsement that it and other family-group names based on *Gymnomyza* are not to be given priority over EPHYDRIDAE Zetterstedt, 1837 and other family-group names based on *Ephydra* Fallén, 1810 whenever *Ephydra* and *Mosillus* or *Gymnomyza* are placed in the same family-group taxon.

(5) To the entry for EPHYDRIDAE Zetterstedt, 1837 on the Official List of Family-Group Names in Zoology is hereby added the endorsement that it is to be given precedence over GYMNOMYZIDAE Latreille, 1829 (type genus *Gymnomyza* Fallén, 1810, a junior subjective synonym of *Mosillus* Latreille, 1804) whenever *Ephydra* and *Mosillus* or *Gymnomyza* are placed in the same family-group taxon.

History of Case 2706

An application for the conservation of the family-group name EPHYDRIDAE Zetterstedt, 1837 by giving it precedence over GYMNOMYZIDAE Latreille, 1829 was received from Drs Wayne N. Mathis (*Smithsonian Institution, Washington, D.C., U.S.A.*) and Tadeusz Zatwarnicki (*Agricultural University, Wroclaw, Poland*) on 15 November 1988. After correspondence the case was published in BZN **49**: 133–136 (June 1992). Notice of the case was sent to appropriate journals.

It was noted on the voting paper that it had been suggested to the authors of the application that, since GYMNOMYZINAE Latreille, 1829 was in effect a 'new' introduction and was based on an unknown junior synonym (*Gymnomyza* Fallén, 1810), an alternative course would have been to conserve usage of the family-group names PSILOPINAE Cresson, 1925 and GYMNOPINI Cresson, 1922. However, the authors preferred to adopt GYMNOMYZINAE and GYMNOMYZINI.

Decision of the Commission

On 1 March 1993 the members of the Commission were invited to vote on the

proposals published in BZN **49**: 134–135. At the close of the voting period on 1 June 1993 the votes were as follows:

Affirmative votes — 18: Bayer, Bock, Cocks, Cogger, Corliss, Hahn, Holthuis, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Nielsen, Nye, Thompson, Trjapitzin, Willink

Negative votes — 7: Bouchet, Halvorsen, Heppell, Kabata, Savage, Schuster and Štys.

Dupuis abstained.

No votes were received from Starobogatov and Uéno.

Ride was on leave of absence.

Martins de Souza and Savage commented that the names PSILOPINAE Cresson, 1925 and GYMNOPINI Cresson, 1922 should be conserved, rather than introducing usage of GYMNOMYZINAE and GYMNOMYZINI. Martins de Souza said that family-group names based on *Gymnomyza* Fallén, 1810 were undesirable. This generic name had not been used for almost 150 years and it was a junior subjective synonym of *Mosillus* Latreille, 1804; GYMNOMYZINAE and GYMNOMYZINI had been used (by the authors of the application) only in 1990. Dupuis commented that, although he preferred to give precedence to EPHYDRIDAE, the taxonomic situation was still uncertain and he therefore abstained.

Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

EPHYDRIDAE Zetterstedt, 1837, *Isis* (von Oken), **1837**: col. 48.

GYMNOMYZIDAE Latreille, 1829, *in* Cuvier, G.C.L.F.D., *Le règne animal distribué d'après son organisation ...*, Ed. 2, vol. 5, p. 535.

Mosillus Latreille, 1804, *in*: *Nouveau dictionnaire d'histoire naturelle*, vol. 24, p. 196.

subsultans, *Syrphus*, Fabricius, 1794, *Entomologia systematica emendata et aucta ...*, vol. 4, p. 304.

The following is the reference for the fixation of *Mosillus arcuatus* Latreille, 1805 (a junior subjective synonym of *Syrphus subsultans* Fabricius, 1794) as the type species of the nominal genus *Mosillus* Latreille, 1804:

Latreille, P.A. 1805. *Histoire naturelle, générale et particulière des crustacés et des insectes*, vol. 14, p. 390.